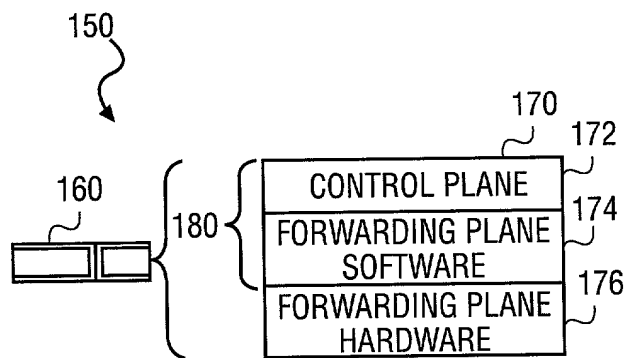
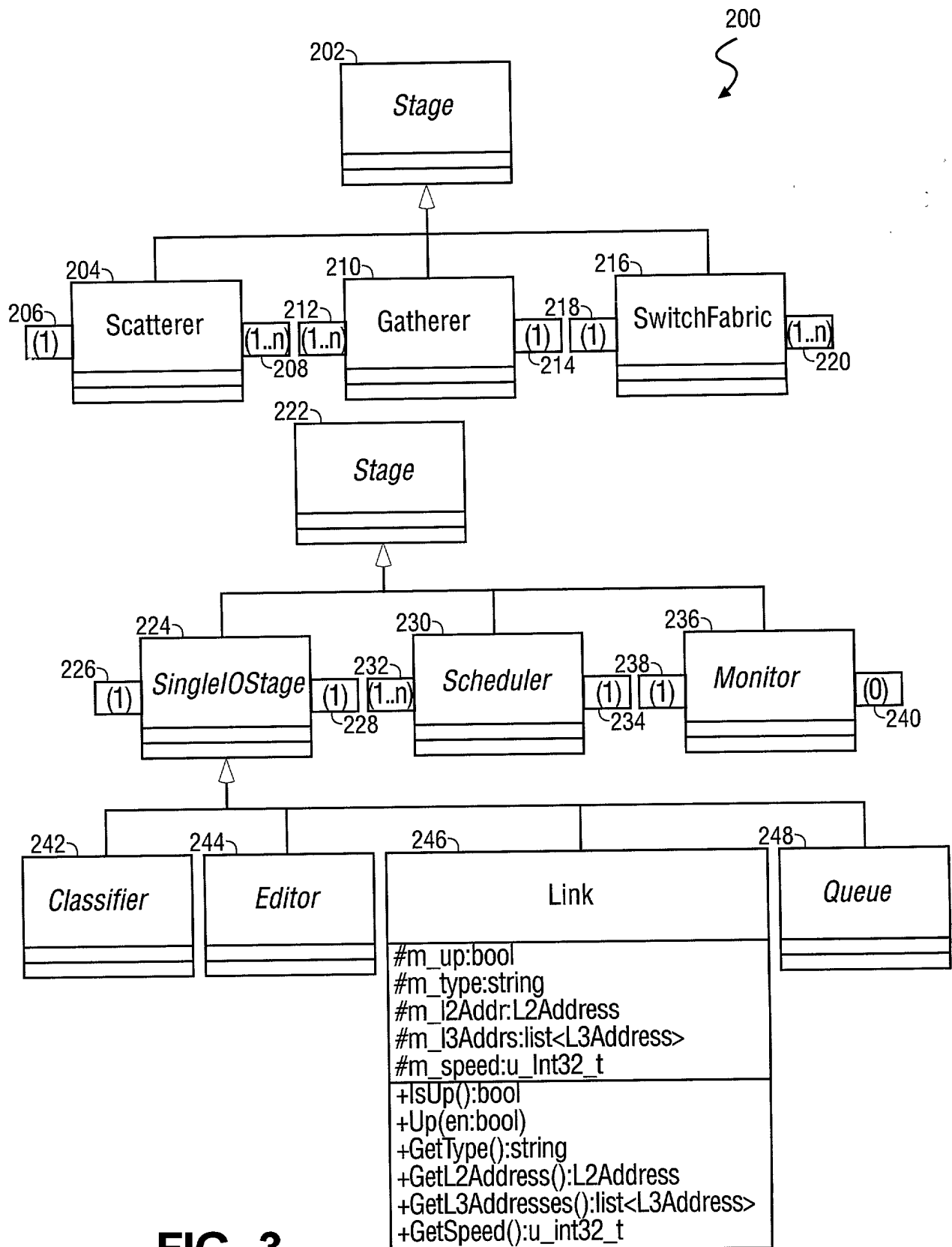


**FIG. 1**



EACH OF THE NETWORK ELEMENTS ABOVE HAVE TIGHTLY COUPLED, PROPRIETARY FORWARDING PLANE HARDWARE & SOFTWARE, DESIGNED TO SUIT A SPECIFIC NEED. UPDATING THE HARDWARE REQUIRES AN UPDATE OF ALL THE SOFTWARE

**FIG. 2**



**FIG. 3**

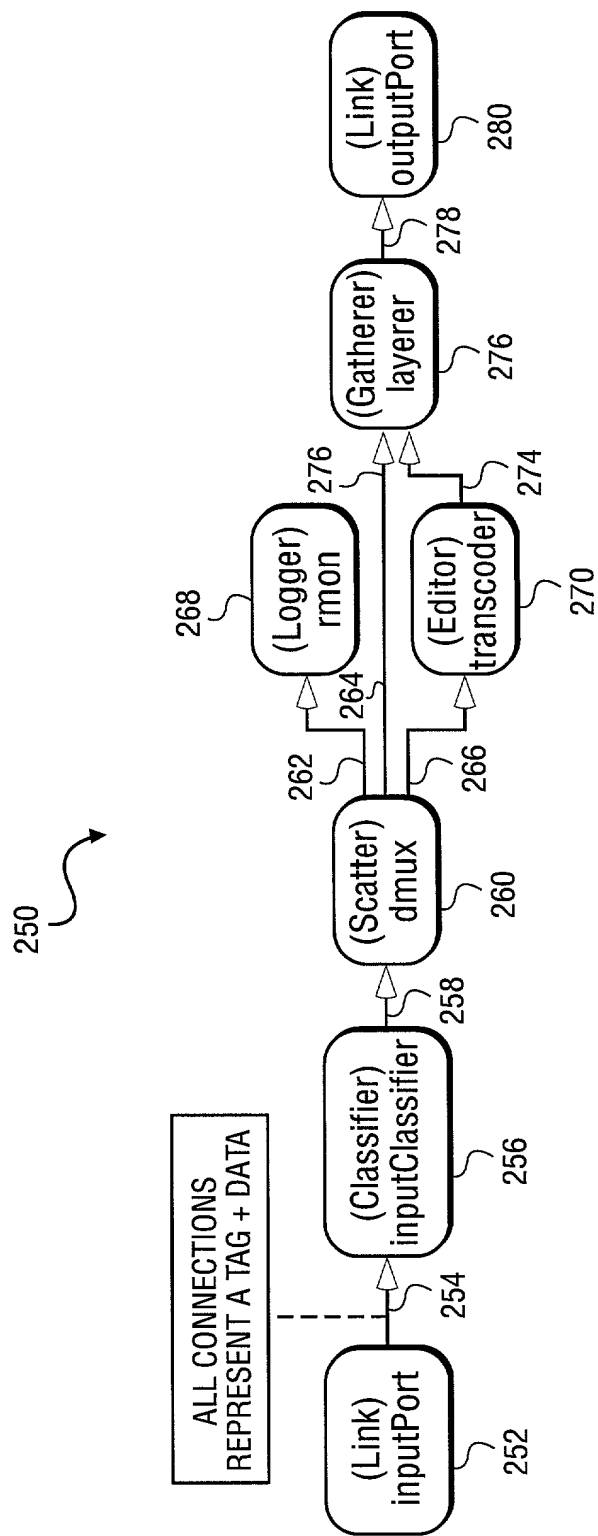


FIG. 4

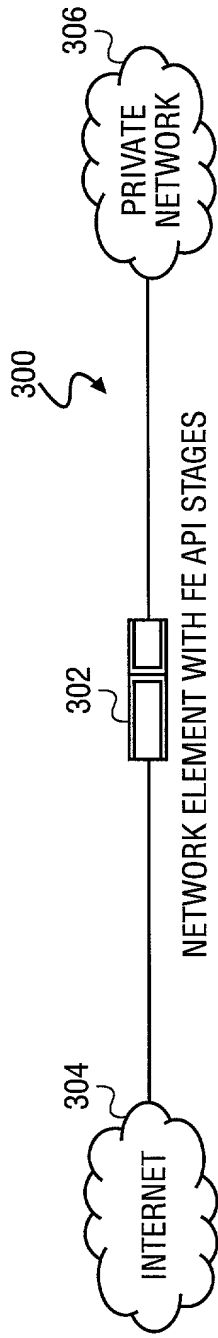


FIG. 5

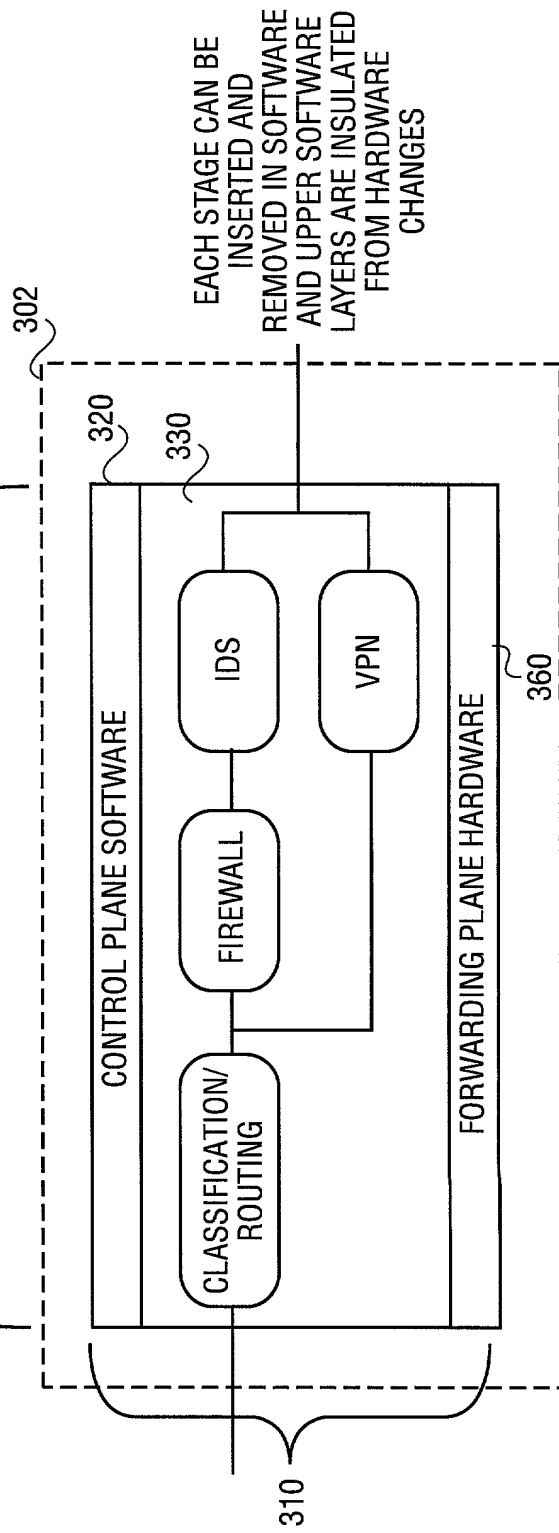


FIG. 6

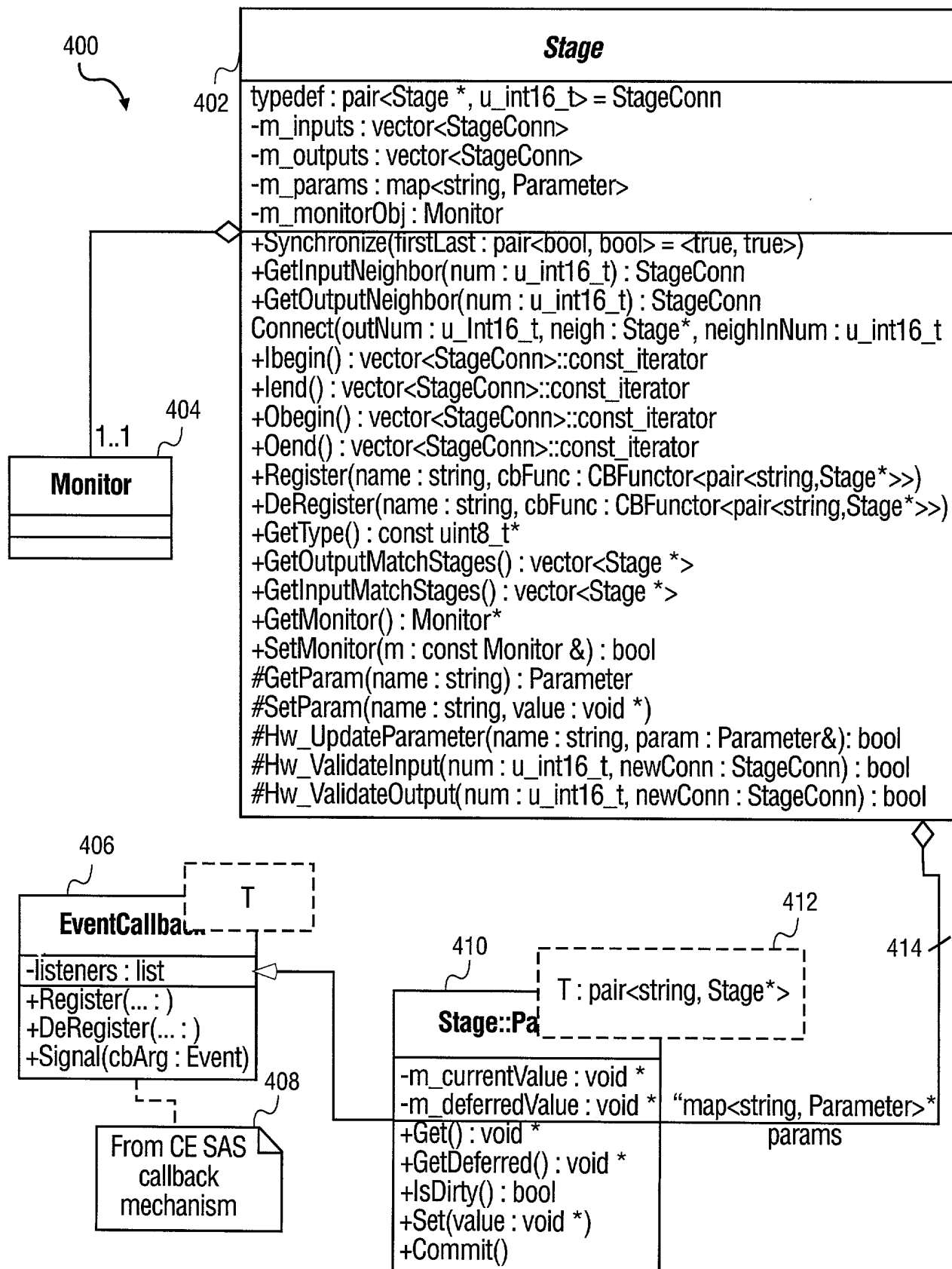


FIG. 7

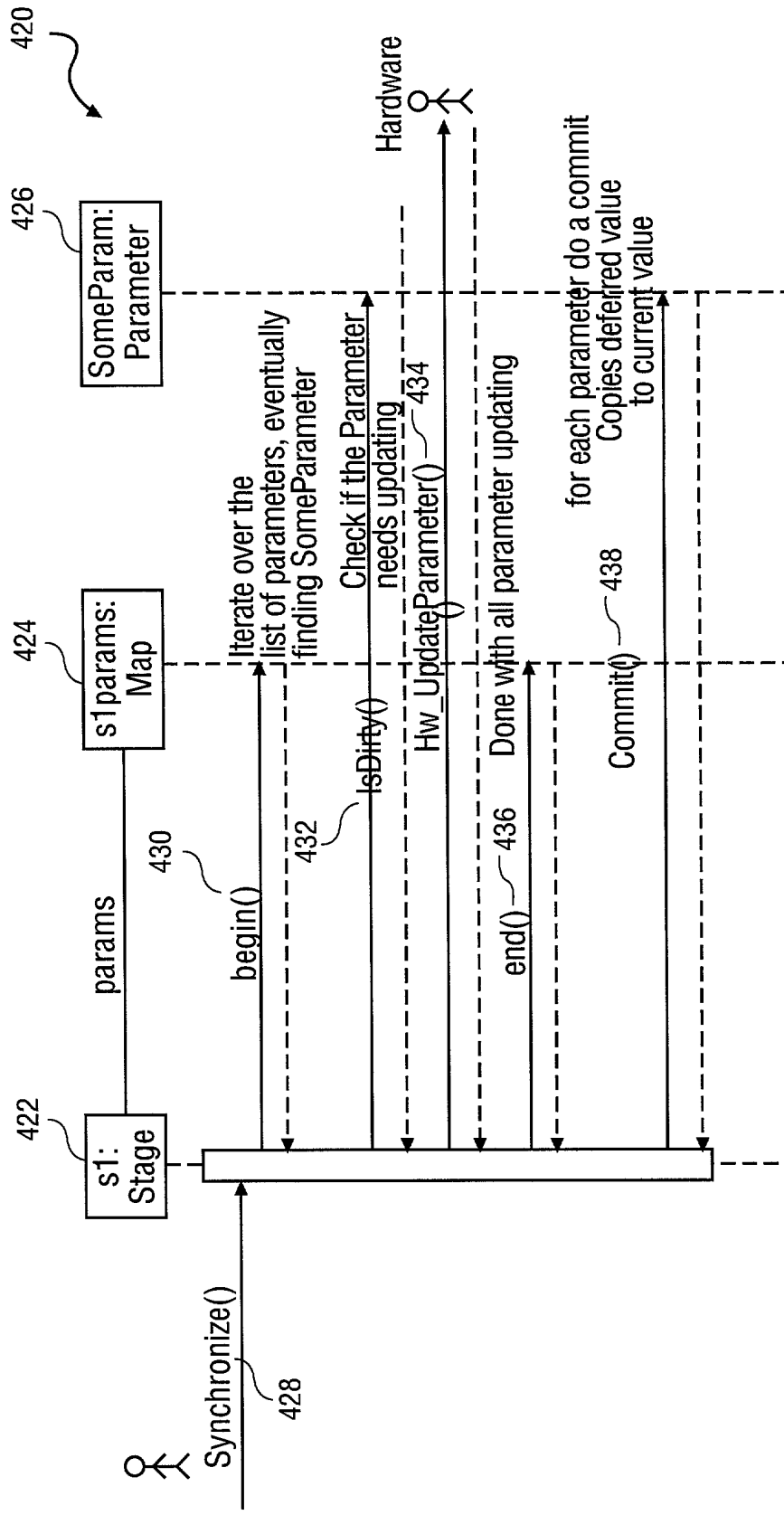
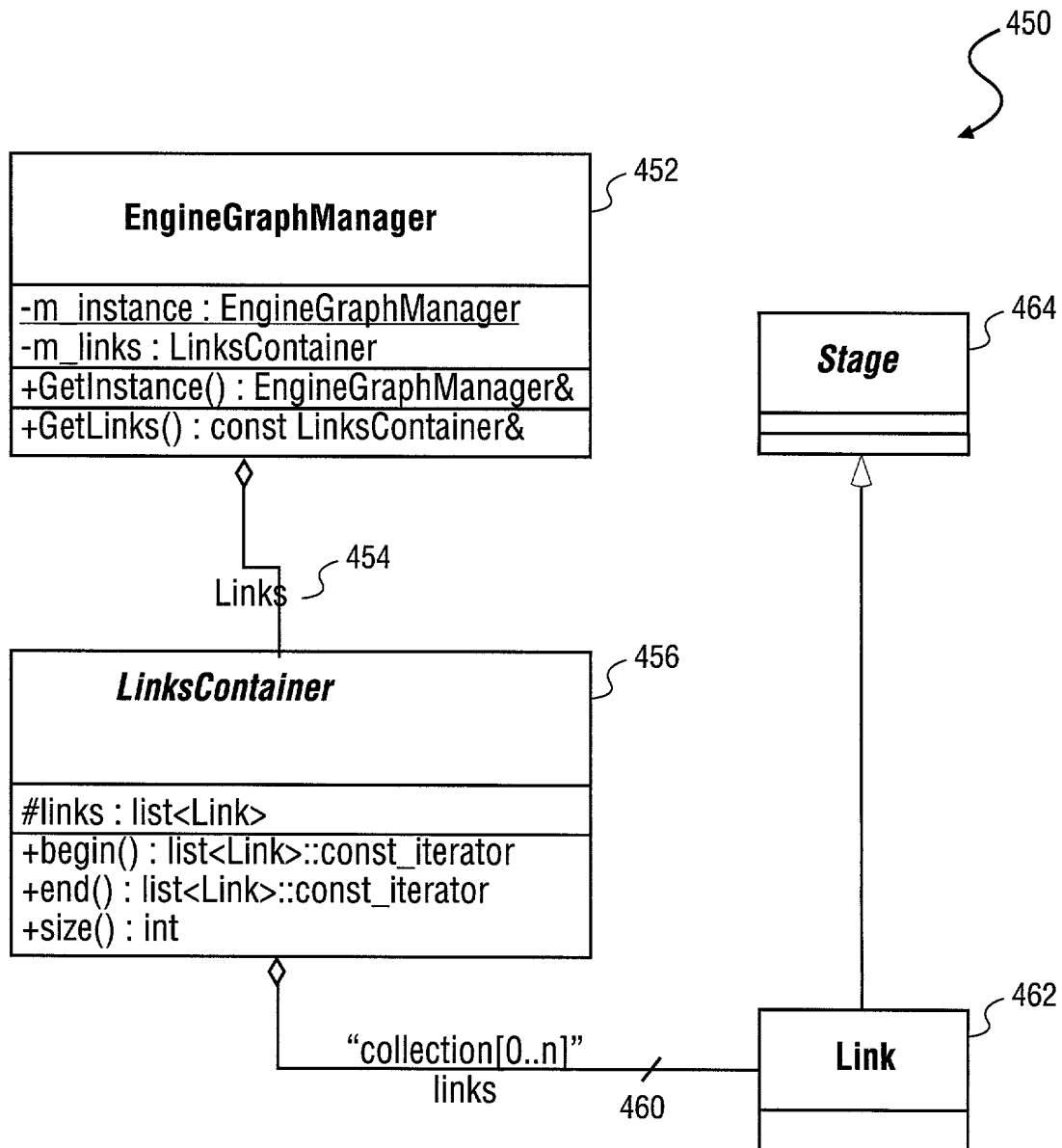
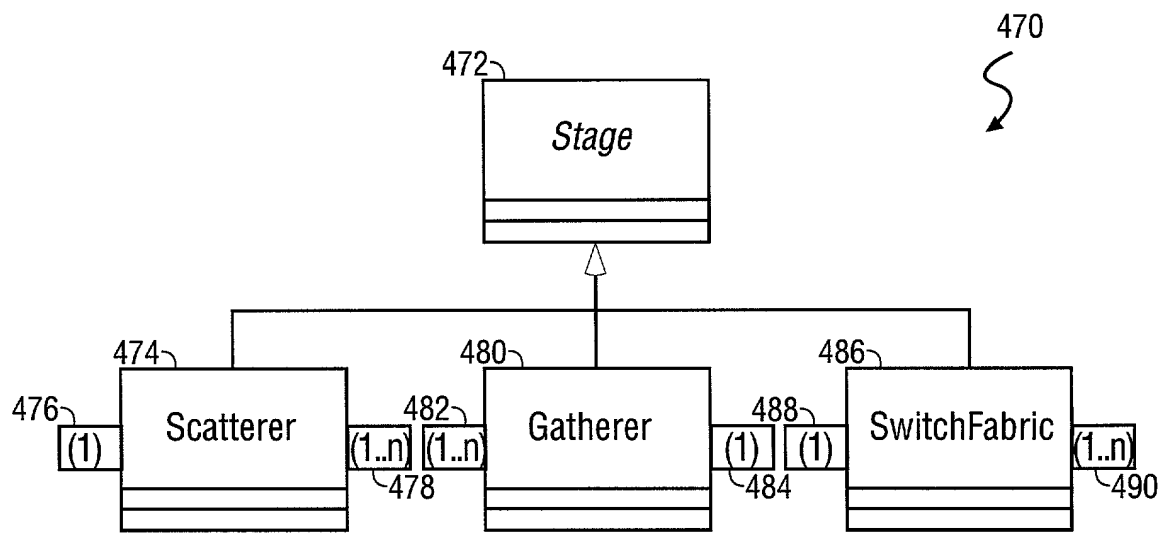


FIG. 8



**FIG. 9**



**FIG. 10**



FIG. 11

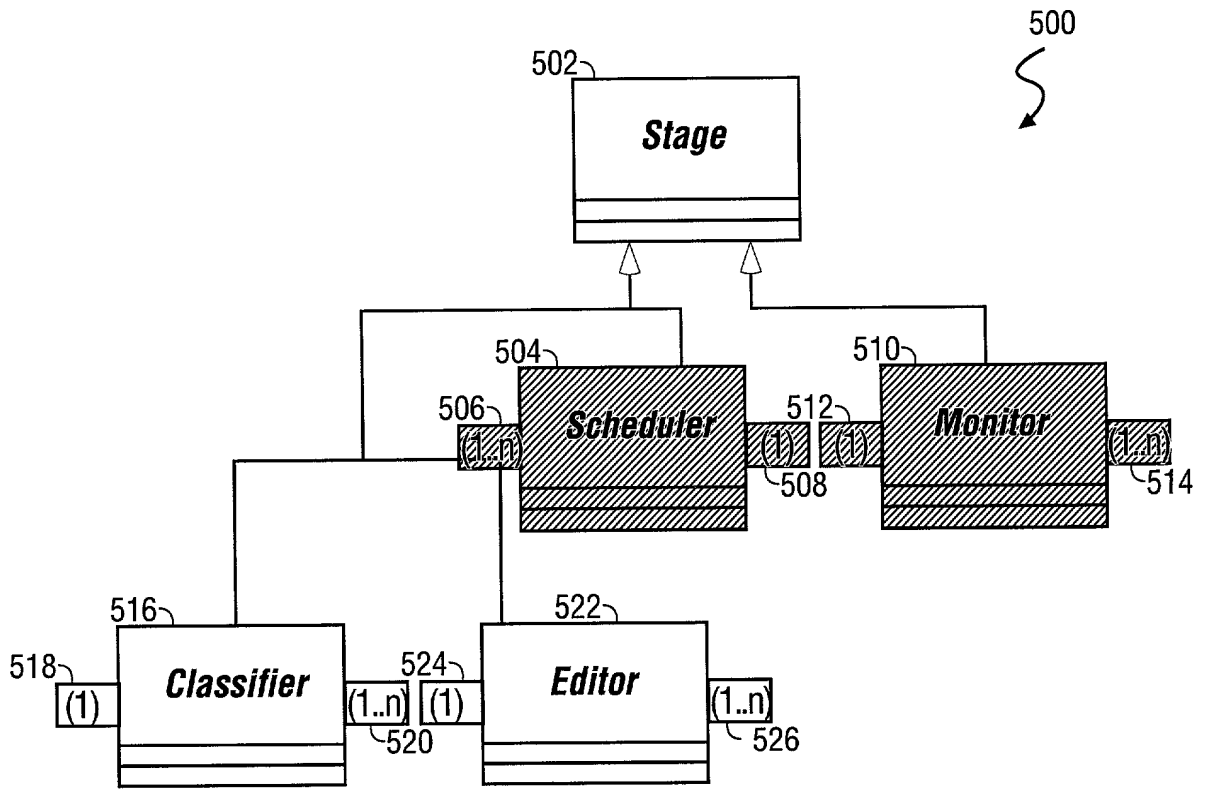


FIG. 11

FIG. 12

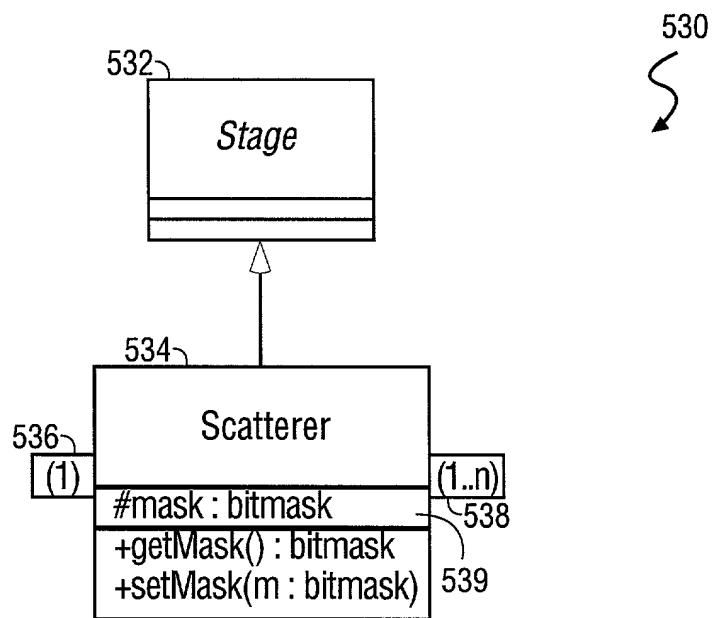
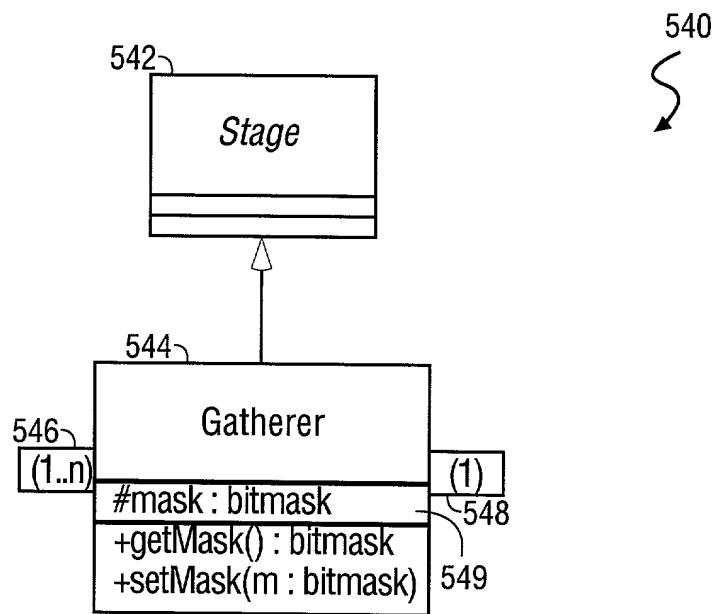
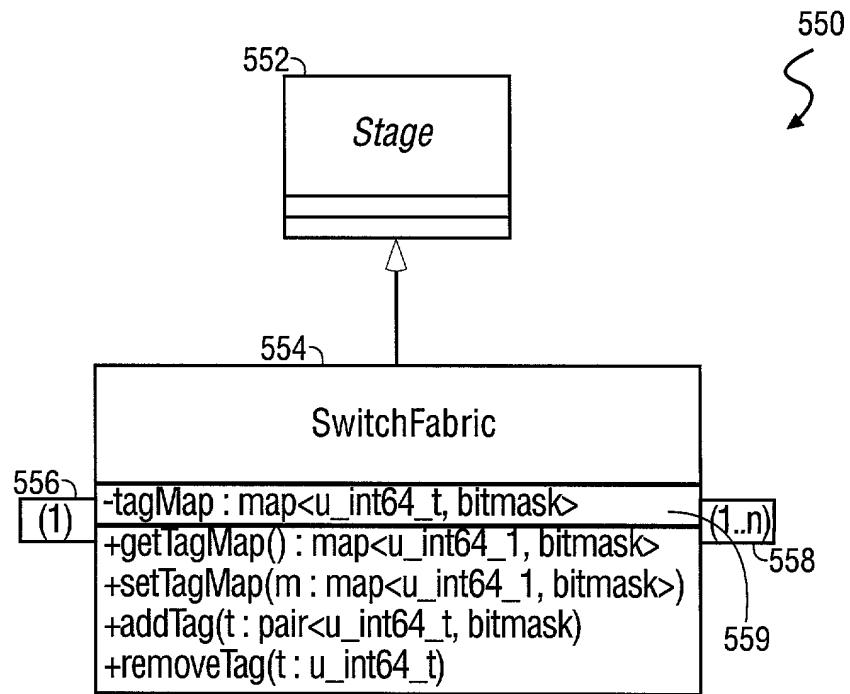


FIG. 12

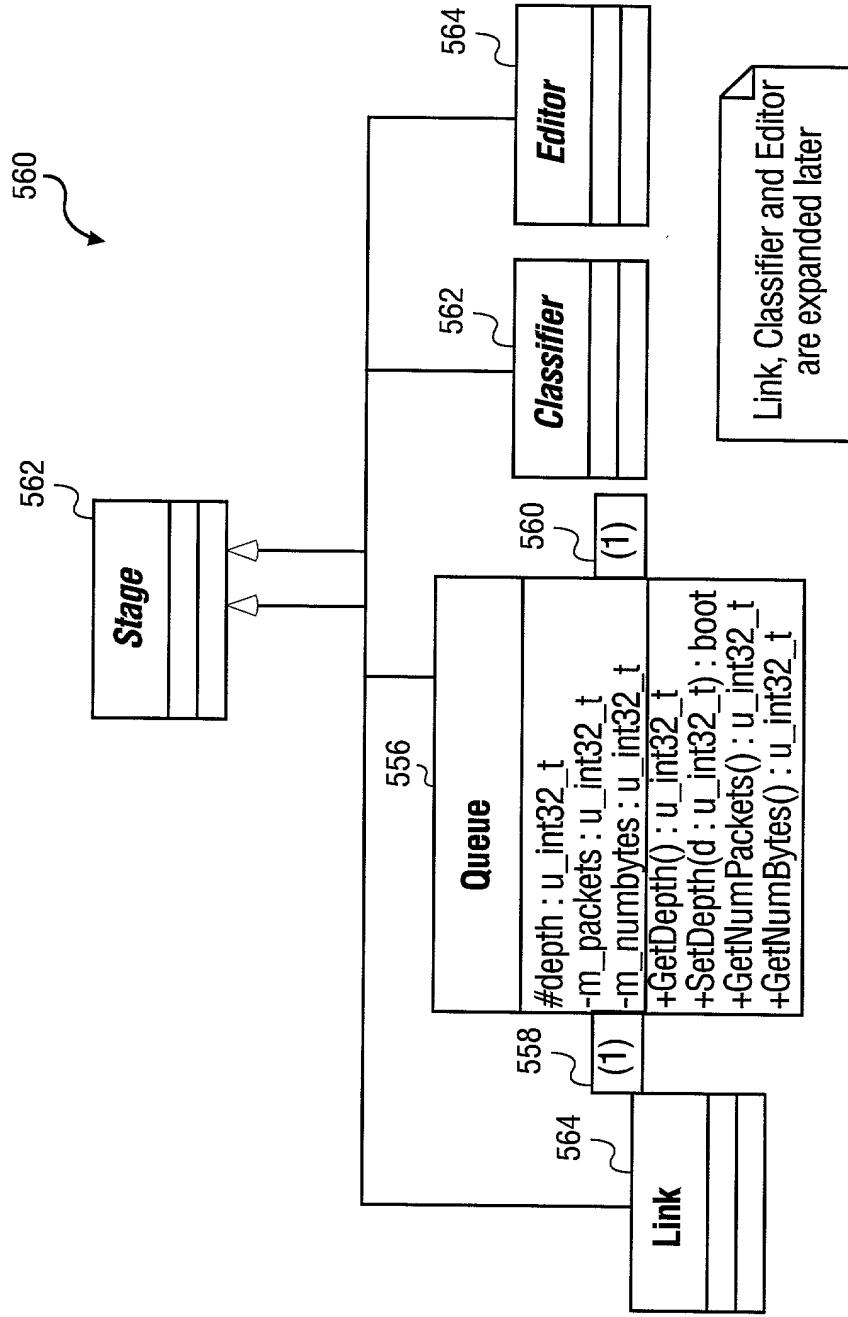
FIG. 13



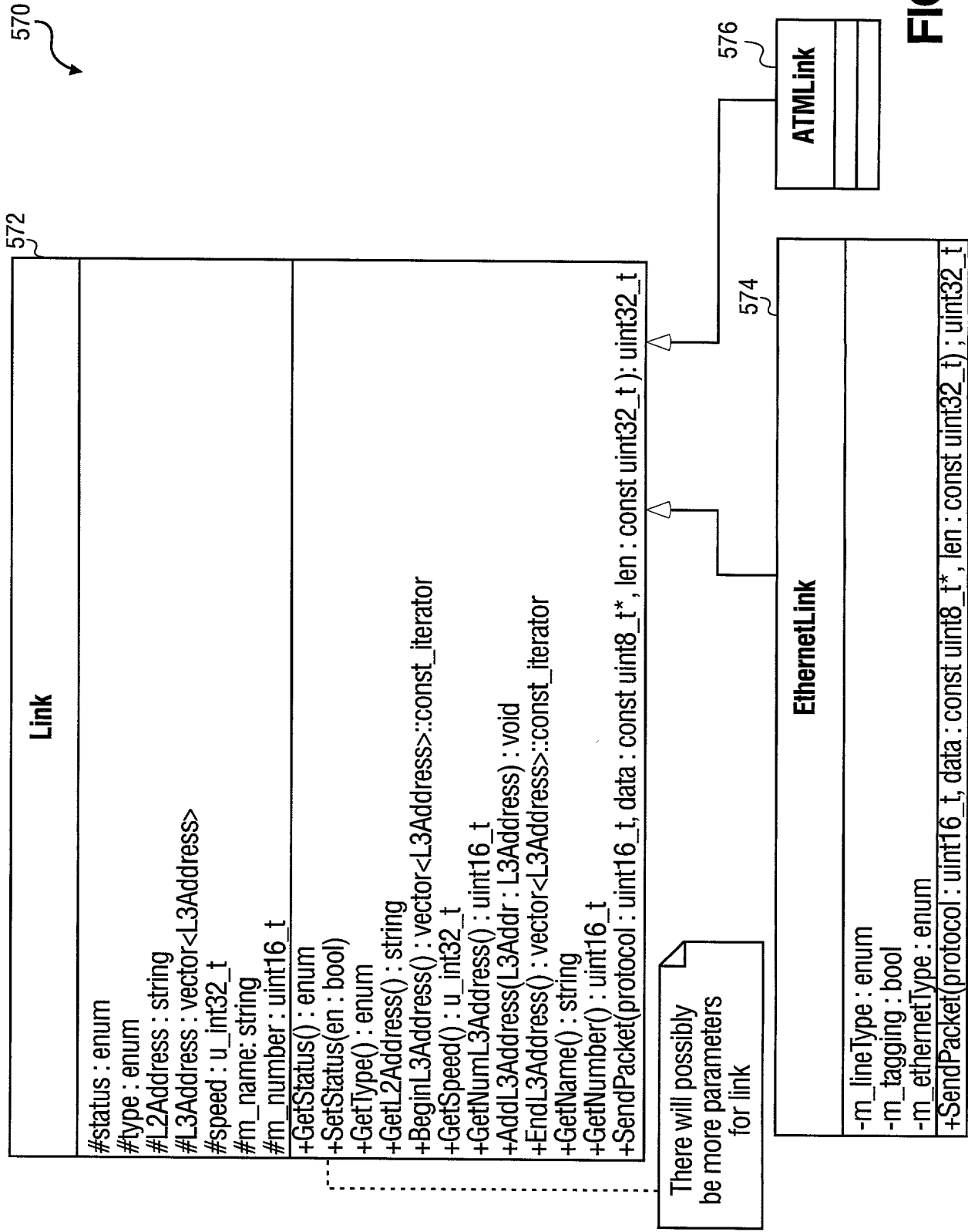
**FIG. 13**



**FIG. 14**



**FIG. 15**



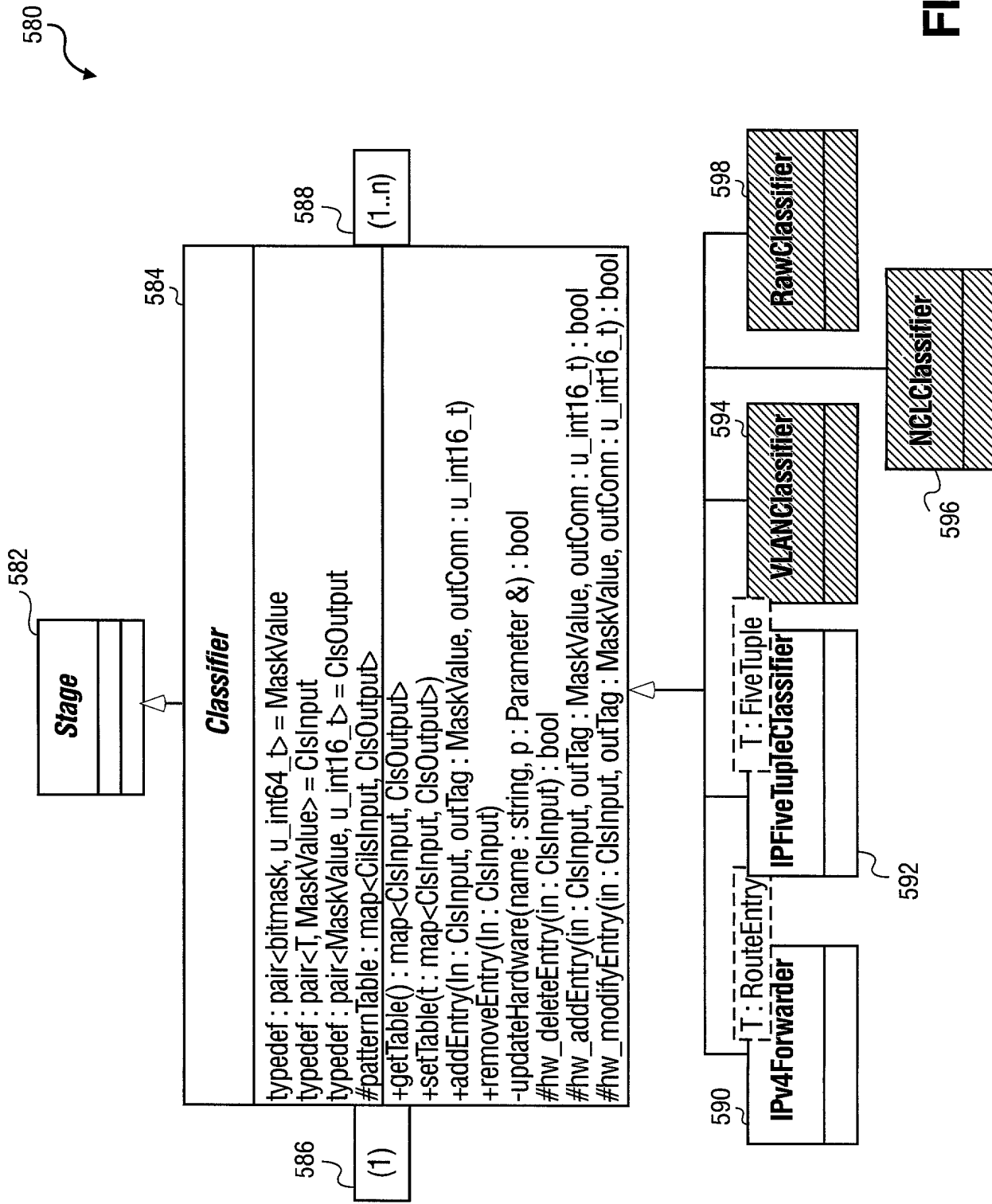


FIG. 17

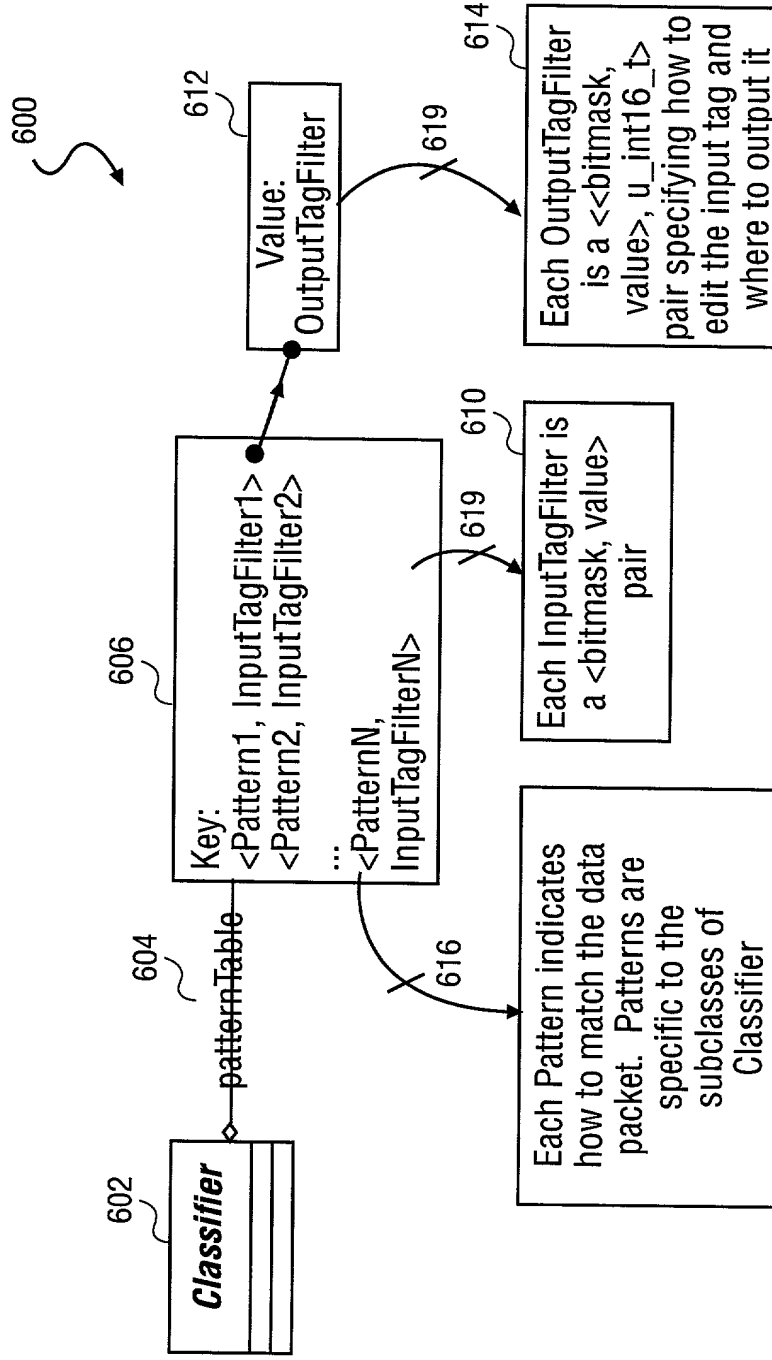


FIG. 18



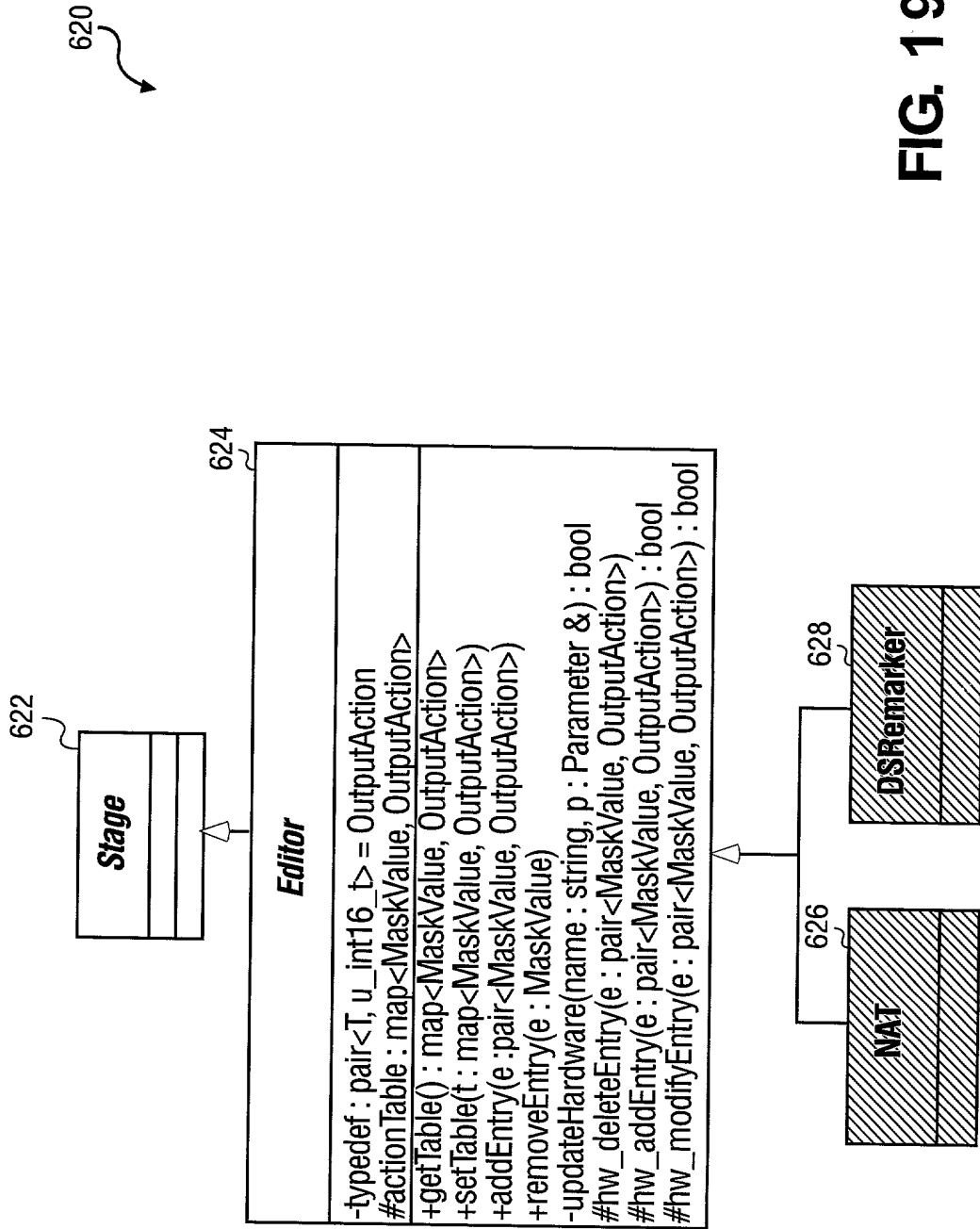


FIG. 19

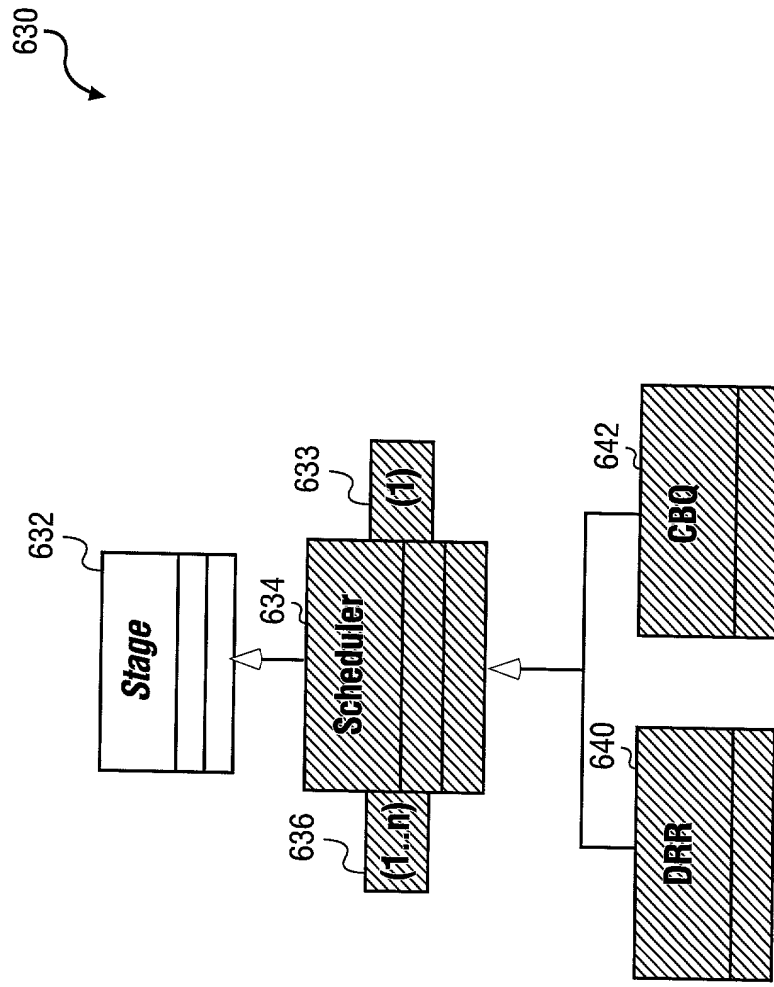


FIG. 20

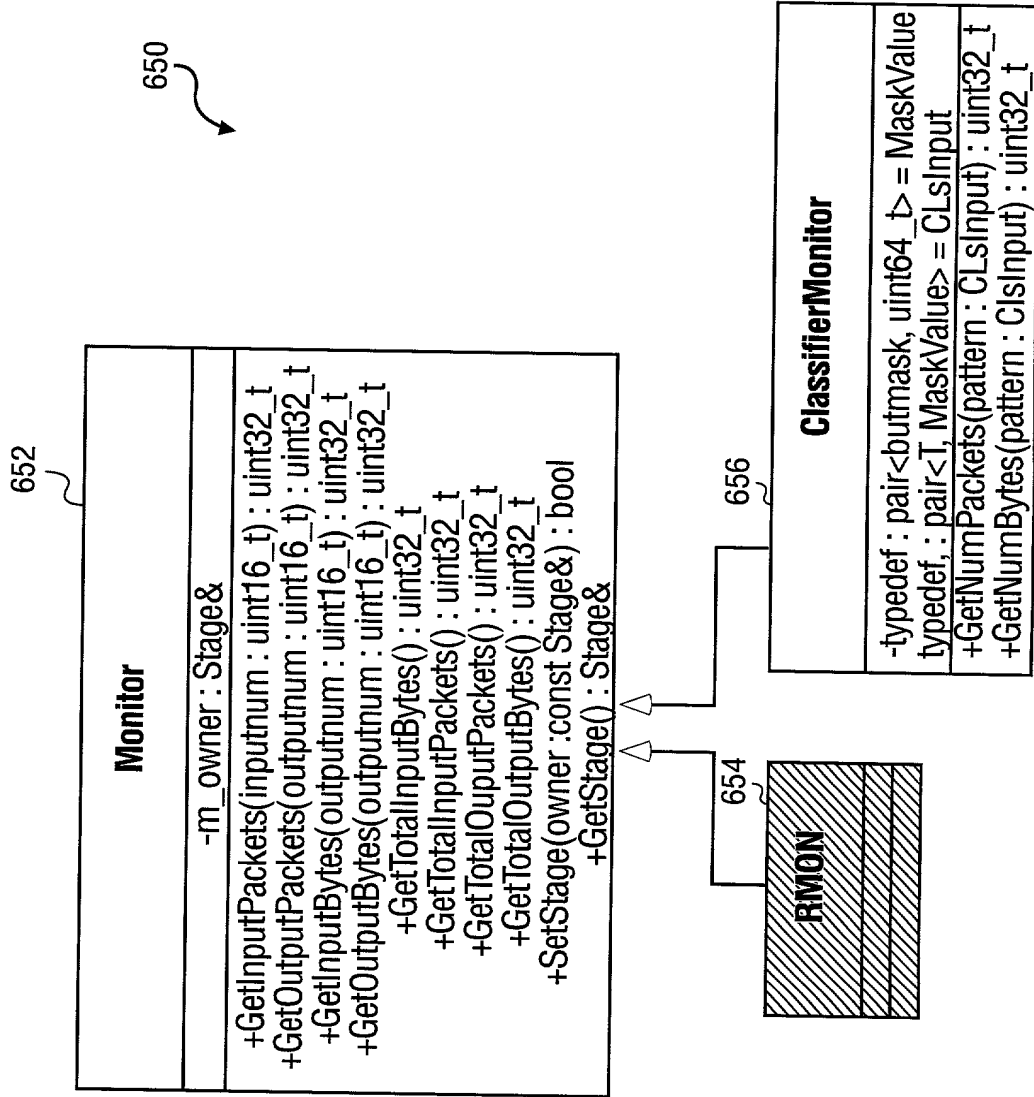


FIG. 21

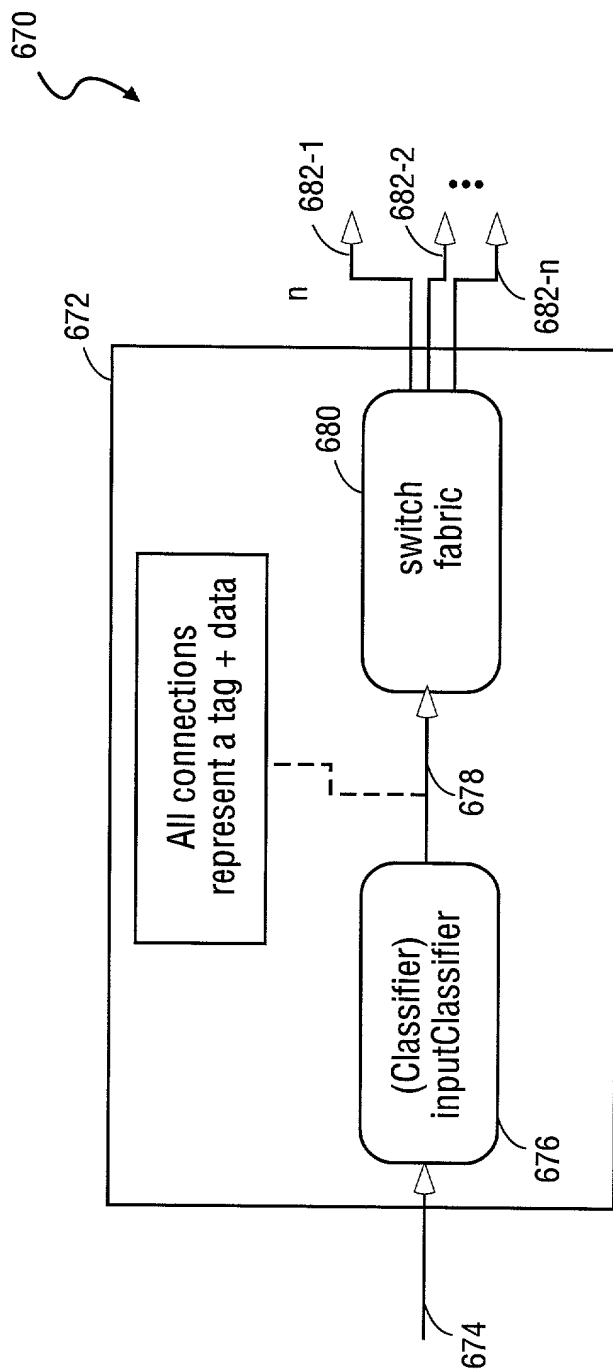


FIG. 22

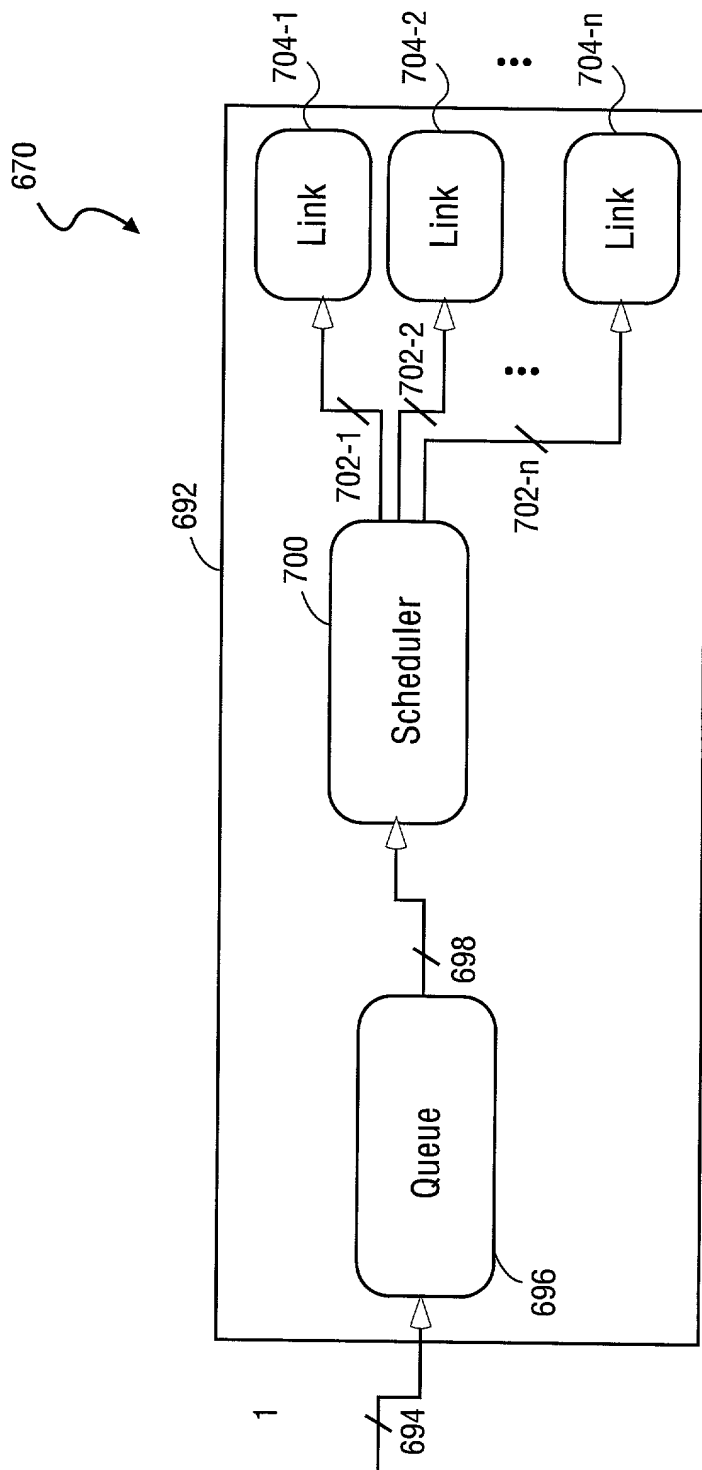


FIG. 23